Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 14 Dec 2021 until 23:59 on Wednesday 15 Dec 2021

Forecast Issued on Monday 13 Dec 2021 at 16:47

Confidence: High for increasingly settled, dry but rather cloudy conditions, but lower with regard to cloud details.

Headline for Tuesday 14 Dec 2021: Mainly dry with sunny spells. Strong southwesterly winds.

Mountain weather hazards on Tuesday 14 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	10%	<05%	<05%	10%	20%

Forecast for Tuesday 14 Dec 2021

Weather: Rather cloudy across southern and southwestern fells with a few spots of drizzle, otherwise dry with clear spells overnight. A largely dry and bright day is expected, although southern and southwestern fells look cloudier with, at first, a few spots of drizzle with northern and eastern fells seeing some good spells of sunshine. Cloud increasing through the evening bringing a risk of patchy drizzle.

Chance of cloud free mountain/hill tops above 800m: Little chance across southern and southwestern fells, but around 75% across the north and east but chances here falling during the evening.

Visibility: Periods or persistent cloud above 300-450m across southern and southwestern fells, but cloud more occasional above about 600m across the north and east. Away from cloud visibility good or very good falling to several kilometres in drizzle.

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Met Office Mountain Weather Forecast

Forecast for Tuesday 14 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	16/19 SW	20/23 SW	25/30 SW	30/37 SW	32/40 SW	29/37 SW	27/34 SW	27/34 SW	29/37 SW
600	12/14 SW	16/21 SW	22/28 SW	26/34 SW	29/37 SW	27/35 SW	24/32 SW	23/30 SW	24/33 SW
300	4/12 SW	5/15 SW	6/20 SW	8/24 SW	11/27 SW	10/25 SW	9/23 SW	9/23 SW	10/25 SW
Valley	3/11 SW	5/16 SW	6/19 SW	8/23 SW	11/25 SW	10/23 SW	10/23 SW	10/23 SW	12/25 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-5	1/-6	1/-6	1/-6	2/-6	2/-5	2/-4	3/-4	3/-4
600	2/-2	2/-3	3/-3	3/-3	4/-2	4/-2	4/-2	5/-1	5/-1
300	4/3	4/2	5/2	5/2	6/3	6/3	6/3	7/4	7/4
Valley	6/5	6/4	6/4	7/4	8/5	8/6	8/6	8/6	9/6
Freezing Level*	1000m	1000m	1000m	1100m	1100m	1700m	2200m	2100m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 45mph over ridges and summits. Thaw of lying snow at all levels.

Forecast for Wednesday 15 Dec 2021

Weather: A mostly cloudy day with outbreaks of rain and drizzle, with a thaw of lying snow continuing. Best chance of any brighter spells across more eastern and northern fells.

Maximum wind: Southwesterly 25-30mph, gusts around 45mph over ridges and summits, easing 15-20 mph by afternoon.

Chance of cloud free mountain/hill tops above 800m: Little chance through much of the day, but nearer 25% in the afternoon across more eastern and northern fells.

Visibility: Periods or persistent above 300-450m, perhaps becoming more occasional above 600m in the north and east at times through the afternoon. Away from cloud visibility good falling to several kilometres in rain and drizzle.

Temperature: **Valleys:** Plus 7 or 8 Celsius rising to plus 10 or 11 Celsius by day
At 800m: Around plus 4 Celsius
Freezing level: Above the summits

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Monday 13 December Location: Helvellyn summit at 14:30 Full report:
The thaw continues at all levels on the Lake District fells with a noticeable reduction in snow cover from yesterday.The remaining snow pack is to be found above 600m and is patchy with the greatest accumulations in hollows and gullies and generally on N through E aspects. Many south facing slopes are now clear up to summit level. Where the snow has been compressed by walkers feet it is becoming harder and will readily form ice when temperatures drop as they are forecast to do overnight. Crampons and ice axe stayed in the rucksack today but it would be sensible for anyone venturing above the snow line on to steep terrain to go suitably equipped as there are still large expanses of unavoidable snow and conditions and plans can change rapidly. Today the snow was soft and forgiving but the forecasted small drop in temperature will quickly refreeze it creating a far more serious environment. Striding Edge was climbable solely on rock with careful route choice today but anyone diverting from this line would quickly find themselves on some very serious, steep and snow covered terrain. There are still unavoidable patches of snow on Swirral Edge.Small cornices above the east face of Helvellyn are slumping and unstable in the warmer temperatures. Please give them a wide berth especially in poor visibility.Full winter clothing and equipment including hat and gloves, map, compass, and headtorch are all essential. An ice axe and crampons andor microspikes are also advisable for anyone venturing onto or near any steep ground.

Temperature: Plus 1.2 C. Maximum wind speed 19.9 mph. Wind chill: minus 6.3 C. Average wind speed: 18.0 mph.

Issued at: 1647 on Mon 13 Dec 2021

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